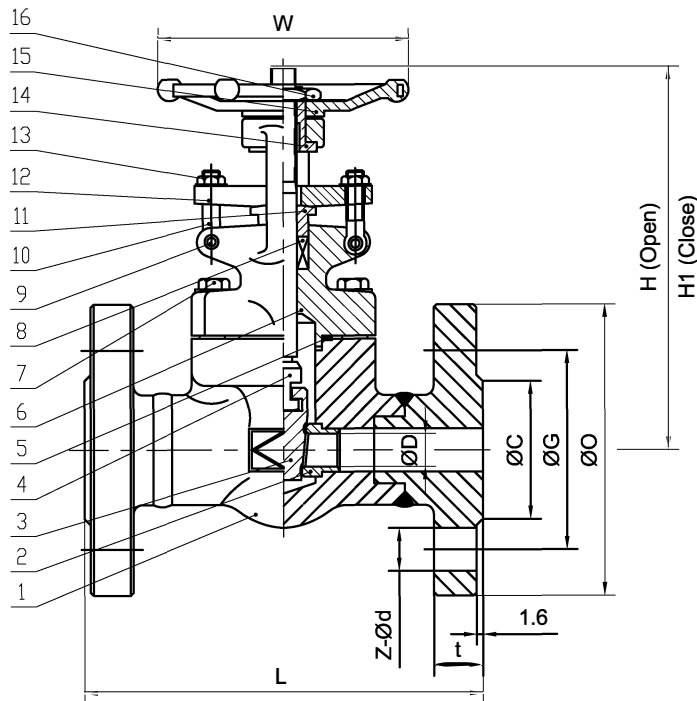
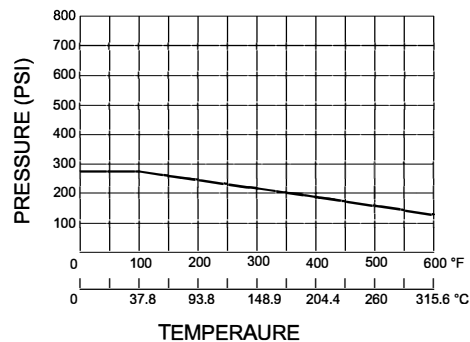
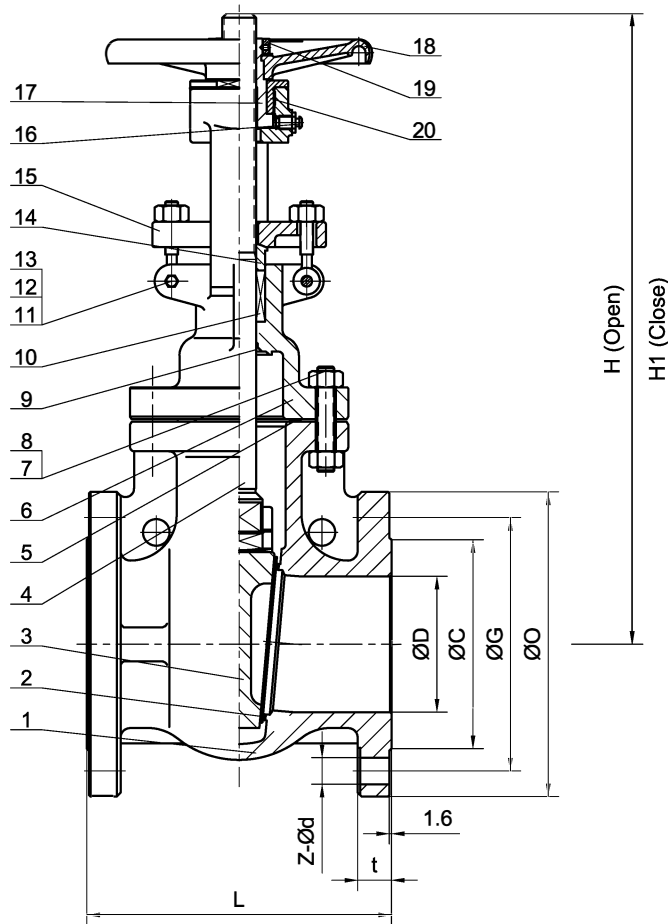




NPS	DN	L	D	C	G	O	t	Z-Ød	W	H	H ₁				
1/2"	15	108	10.5	35	67	89	10	4-Ø14	100	151	138				
3/4"	20	117	13.0	43	73	98	11	4-Ø14	100	158	142				
1"	25	127	17.5	51	83	108	12	4-Ø14	125	190	170				
1 1/4"	32	140	23.0	64	87	117	13	4-Ø14	160	217	190				

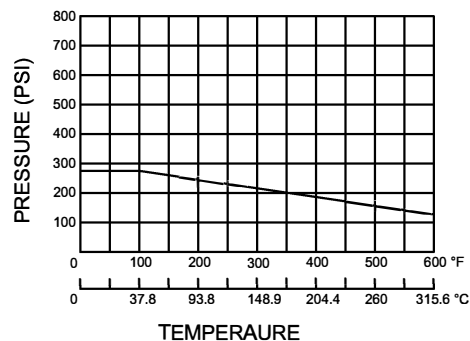
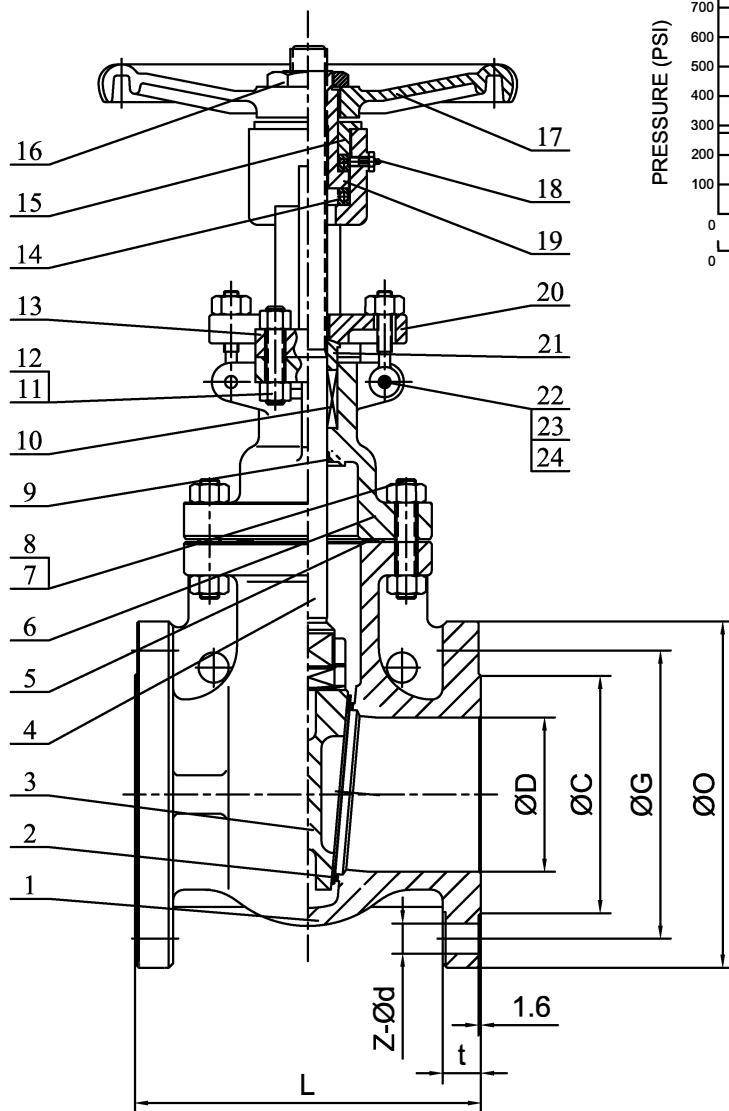
No.	PART	Qty	MATERIAL	
1	Body	1	ASTM A182 F316	
2	Seat Ring	2	SS 316	
3	Disc	1	ASTM A182 F316	
4	Stem	1	SS 316	
5	Gasket	1	Graphite + SS 316	
6	Bonnet	1	ASTM A182 F316	
7	Bolt	4	ASTM A193 B8	
8	Packing	5	Graphite	
9	Pin	2	SS 304	
10	Eye Bolt	2	ASTM A193 B8	
11	Gland	1	SS 316	
12	Gland Flange	1	ASTM A182 F304	
13	Nut	2	ASTM A194 8	
14	Stem Nut	1	20	
15	Handwheel	1	KTH330 - 08	
16	Prevailing	1	35	
17				
18				
19				
20				
21				
22				
23				
24				
25				
Test Pressure	Shell Test		3.0 MPa	
	Seal Test		2.2 MPa	
	Air Test		0.6 MPa	
	Suitable Temp.		-29 ~ 425 °C	
Standard	Face to Face		ASME B16.10	
	End Connection		AS2129 Table E	
	Valve Design		ASME B16.34 & API 600	
	Valve Test		API 598	
Drawing No.	Date	Figure No.	Rev No.	
AN	May 28, 2014	SG-R-A1-TE	002	
Gate Valve, Class 150, Table E				
FLOCONTROL				



Dimensions (mm)

NPS	DN	L	D	C	G	O	t	Z-Ød	H	H1					
11/2"	40	165	38	73.2	98	127	15	4-Ø14	370	320					
2"	50	178	51	92.0	114	152	16	4-Ø18	393	335					
2 1/2"	65	190	64	104.5	127	178	18	4-Ø18	420	350					
3"	80	203	76	127.0	146	190	19	4-Ø18	525	435					
4"	100	229	102	157.0	178	229	24	8-Ø18	625	510					
5"	125	254	125	185.5	210	254	26	8-Ø18	685	550					
6"	150	267	152	216.0	235	279	26	8-Ø22	762	600					
8"	200	292	203	270.0	292	343	29	8-Ø22	990	780					

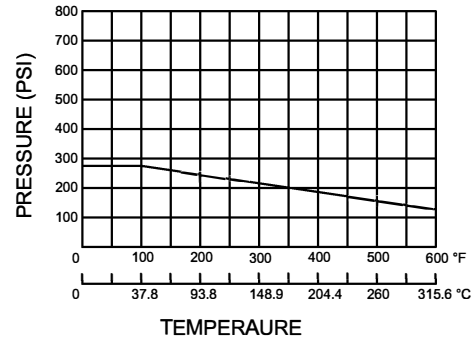
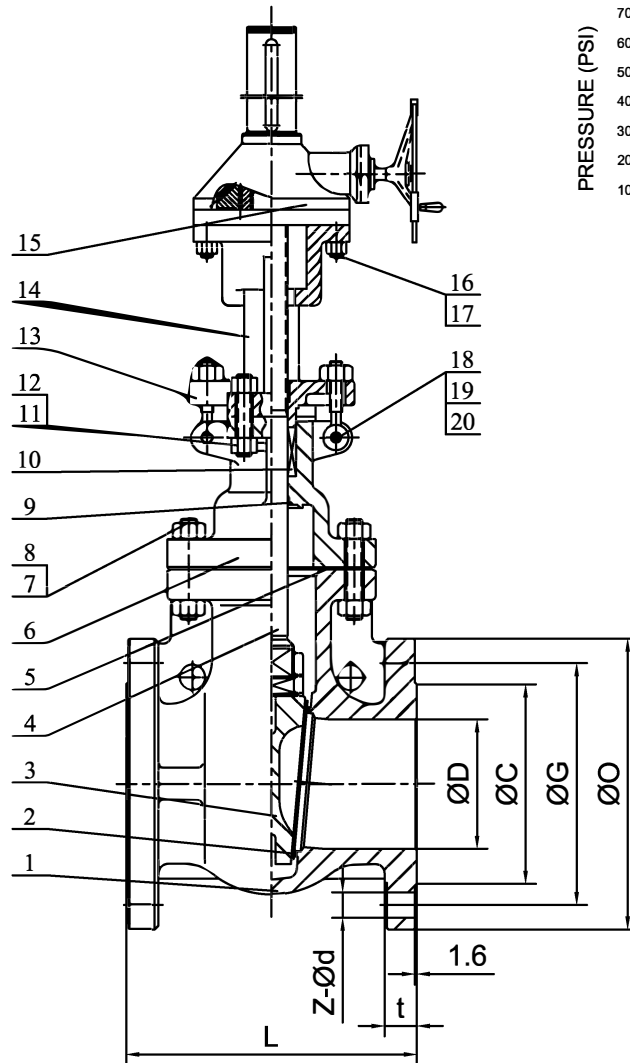
No.	PART	MATERIAL		
1	Body	ASTM A351 CF8M		
2	Seat Ring	ASTM A351 CF8M		
3	Wedge	ASTM A351 CF8M		
4	Stem	ASTM A182 F316		
5	Gasket	Graphite + SS 316		
6	Bonnet	ASTM A351 CF8M		
7	Stud	ASTM A193 B8M		
8	Nut	ASTM A194 8M		
9	Backseat	ASTM A351 CF8M		
10	PackRing	Graphite		
11	Pin	S.S		
12	Gland Bolt	ASTM A193 B8M		
13	Gland Nut	ASTM A194 8M		
14	Bushing	S.S		
15	Gland	ASTM A351 CF8M		
16	Lubricator	Cu		
17	Stem Nut	ZcuAl10Fe3 Bronze		
18	Handwheel	ASTM A47		
19	Handwheel Lock Nut	C.S + Cr		
20	Retaining Nut	C.S + Cr		
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
Test Pressure	Shell Test		3.0 MPa	
	Seal Test		2.2 MPa	
	Air Test		0.6 MPa	
	Suitable Temp.		-29 ~ 425 °C	
Standard	Face to Face		ASME B16.10	
	End Connection		AS2129 Table E	
	Valve Design		ASME B16.34 & API 600	
	Valve Test		API 598	
Drawing No.	Date	Figure No.	Rev No.	
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Gate Valve, Class 150, Table E				
FLOCONTROL				



Dimensions (mm)

NPS	DN	L	D	C	G	O	t	Z-Ød					
10"	250	330	254	324	356	406	31	12-Ø22					
12"	300	356	305	381	406	483	32	12-Ø26					
14"	350	381	337	413	470	533	35	12-Ø26					

No.	PART	MATERIAL			
1	Body	ASTM A351 CF8M			
2	Seat Ring	ASTM A351 CF8M			
3	Wedge	ASTM A351 CF8M			
4	Stem	ASTM A182 F316			
5	Gasket	Graphite + SS 316			
6	Bonnet	ASTM A351 CF8M			
7	Stud	ASTM A193 B8M			
8	Nut	ASTM A194 8M			
9	Backseat	ASTM A351 CF8M			
10	PackKing	Graphite			
11	Stud	ASTM A193 B8M			
12	Nut	ASTM A194 8M			
13	Yoke	ASTM A351 CF8M			
14	Bearing	Cu			
15	Retaining Nut	C.S + Cr			
16	Handwheel Lock Nut	C.S + Cr			
17	Handwheel	ASTM A47			
18	Lubricator	Cu			
19	Stem Nut	ZcuAl10Fe3 Bronze			
20	Gland	ASTM A351 CF8M			
21	Bushing	S.S			
22	Pin	S.S			
23	Gland Bolt	ASTM A193 B8M			
24	Gland Nut	ASTM A194 8M			
25					
26					
27					
28					
29					
30					
Test Pressure	Shell Test		3.0	MPa	
	Seal Test		2.2	MPa	
	Air Test		0.6	MPa	
	Suitable Temp.		-29 ~ 425 °C		
Standard	Face to Face		ASME B16.10		
	End Connection		AS2129 Table E		
	Valve Design		ASME B16.34 & API 600		
	Valve Test		API 598		
Drawing No.		Date	Figure No.	Rev No.	
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Gate Valve, Class 150, Table E					
FLOCONTROL					



Dimensions (mm)

NPS	DN	L	D	C	G	O	t	Z-Ød						
16"	400	406	387	470	521	597	37	12-Ø26						
18"	450	432	438	533	584	635	40	16-Ø26						
20"	500	457	489	584	641	698	43	16-Ø26						
24"	600	508	591	692	756	813	48	16-Ø33						

No.	PART	MATERIAL		
1	Body	ASTM A351 CF8M		
2	Seat Ring	ASTM A351 CF8M		
3	Wedge	ASTM A351 CF8M		
4	Stem	ASTM A182 F316		
5	Gasket	Graphite + SS 316		
6	Bonnet	ASTM A351 CF8M		
7	Stud	ASTM A193 B8M		
8	Nut	ASTM A194 8M		
9	Backseat	ASTM A351 CF8M		
10	PackIng	Graphite		
11	Stud	ASTM A193 B8M		
12	Nut	ASTM A194 8M		
13	Gland	ASTM A351 CF8M		
14	Yoke	ASTM A351 CF8M		
15	Gear Box	ASTM A47		
16	Gland Bolt	ASTM A193 B7		
17	Gland Nut	ASTM A194 2H		
18	Pin	S.S		
19	Gland Bolt	ASTM A193 B8M		
20	Gland Nut	ASTM A194 8M		
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
Test Pressure	Shell Test		3.0 MPa	
	Seal Test		2.2 MPa	
	Air Test		0.6 MPa	
	Suitable Temp.		-29 ~ 425 °C	
Standard	Face to Face		ASME B16.10	
	End Connection		AS2129 Table E	
	Valve Design		ASME B16.34 & API 600	
	Valve Test		API 598	
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FLOCONTROL				